

**Daily Engineering Control Verification Sampling**  
**General Services Administration**  
**Department of the Interior Modernization Program**  
**1849 C Street NW, Washington, DC**

**Week ending: 10/30/2008**

Note 1: TVOC = Total Volatile Organic Compounds, which is the total concentration of any volatile organic compounds that may be present. Volatile organic compounds are organic chemicals that have a high vapor pressure and easily form vapors at normal temperature. While there is currently no Permissible Exposure Limit (PEL) for TVOCs, an action level of 1.3 parts per million (ppm) has been established for this project based on best available research.

Note 2: OSHA Total and Respirable Particulate PEL = 15.0 milligrams per cubic meter of air ( $\text{mg}/\text{m}^3$ ) for total particulates, 5.0  $\text{mg}/\text{m}^3$  for respirable particulates.

**Friday: 10/24/2008**

Floor	Location	Time	Total Particulates ( $\text{mg}/\text{m}^3$ )	TVOC (ppm)	Comments
7	Along main corridor between wing 4&2	1402	0.011	0.0	
6	Along main corridor between wing 2&4	1404	0.011	0.0	
5	Along main corridor between wing 4&2	1406	0.012	0.0	
4	Along main corridor between wing 2&4	1408	0.012	0.0	
3	Along main corridor between wing 4&2	1409	0.024	0.0	
2	Along main corridor between wing 2&4	1411	0.012	0.0	
1	Along main corridor between wing 4&2	1412	0.028	0.0	
B	Along main corridor between wing 2&4	1413	0.018	0.0	

**Monday: 10/27/2008**

Floor	Location	Time	Total Particulates ( $\text{mg}/\text{m}^3$ )	TVOC (ppm)	Comments
7	Along main corridor between wing 4&2	1107	0.009	0.0	
6	Along main corridor between wing 2&4	1109	0.010	0.0	
5	Along main corridor between wing 4&2	1111	0.009	0.0	
4	Along main corridor between wing 2&4	1112	0.009	0.0	
3	Along main corridor between wing 4&2	1114	0.009	0.0	
2	Along main corridor between wing 2&4	1116	0.011	0.0	
1	Along main corridor between wing 4&2	1118	0.020	0.0	
B	Along main corridor between wing 2&4	1119	0.015	0.0	

Tuesday: 10/28/2008

Floor	Location	Time	Total Particulates (mg/m <sup>3</sup> )	TVOC (ppm)	Comments
7	Along main corridor between wing 4&2	1212	0.009	0.0	
6	Along main corridor between wing 2&4	1214	0.006	0.0	
5	Along main corridor between wing 4&2	1215	0.008	0.0	
4	Along main corridor between wing 2&4	1217	0.028	0.0-2.4	
3	Along main corridor between wing 4&2	1220	0.008	0.0	
2	Along main corridor between wing 2&4	1222	0.007	0.0	
1	Along main corridor between wing 4&2	1224	0.016	0.0	
B	Along main corridor between wing 2&4	1225	0.012	0.0	

Wednesday: 10/22/2008

Floor	Location	Time	Total Particulates (mg/m <sup>3</sup> )	TVOC (ppm)	Comments
7	Along main corridor between wing 4&2	1350	0.008	0.0	
6	Along main corridor between wing 2&4	1351	0.007	0.0	
5	Along main corridor between wing 4&2	1353	0.013	0.0	
4	Along main corridor between wing 2&4	1355	0.009	0.0	
3	Along main corridor between wing 4&2	1356	0.009	0.0	
2	Along main corridor between wing 2&4	1358	0.012	0.0	
1	Along main corridor between wing 4&2	1400	0.015	0.0	
B	Along main corridor between wing 2&4	1401	0.023	0.0	

Thursday: 10/30/2008

Floor	Location	Time	Total Particulates (mg/m <sup>3</sup> )	TVOC (ppm)	Comments
7	Along main corridor between wing 4&2	1339	0.009	0.0	
6	Along main corridor between wing 2&4	1341	0.009	0.0	
5	Along main corridor between wing 4&2	1343	0.010	0.0	
4	Along main corridor between wing 2&4	1345	0.019	0.0	
3	Along main corridor between wing 4&2	1346	0.011	0.0	
2	Along main corridor between wing 2&4	1348	0.009	0.0	
1	Along main corridor between wing 4&2	1350	0.041	0.0	
B	Along main corridor between wing 2&4	1351	0.016	0.0	

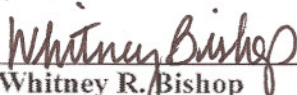


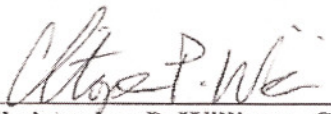
# Follow-Up Sampling in Areas with Results Above Established Action Levels

Floor	Location	Retest Time	Total Particulates (mg/m <sup>3</sup> )	TVOC (ppm)	Comments
4	In front of wing 3	1330	-----	0.0	10/28 No source found, no further action

## Additional Comments

Date	Floor	Comments
10/28-10/30	4	There was painting going on in room 4026 on occupied side. This could have been the cause of the VOC reading on 10/28.

  
 Whitney R. Bishop  
 Industrial Hygienist

  
 Christopher P. Williams, CIH  
 Project Manager

## Distribution

MACTEC	GSA	Jacobs Engineering	DOI
Chris Williams, CIH	James Hodges, CHMM	Pio Masone, PM	Sandra Jackson, IH
	Pradip Patel, Assistant PM		